

REMARKS/ARGUMENTS

Favorable reconsideration of this application, as presently amended and in light of the following discussion, is respectfully requested.

Claims 1-11 and 13-17 are pending in this application. Claim 1 is amended by the present response without introducing any new matter.

In the outstanding Office Action, Claims 7-11 and 14-17 were rejected under 35 U.S.C. §112, second paragraph, as failing to comply with the enablement requirement; Claims 1-4, 6 and 13 were rejected under 35 U.S.C. §102(b) as anticipated by Corcoran (Mapping Home-Network Appliances to TCP/IP Sockets Using a Three-Tiered Home Gateway Architecture); and Claim 5 was rejected under 35 U.S.C. §103(a) as unpatentable over Corcoran and what is known in the art.

With regard to the rejection of Claims 7-11 and 14-17 under 35 U.S.C. §112, first paragraph, as failing to comply with the enabling requirement, Applicants respectfully traverse this rejection.

For instance, with regard to Claim 17, this claim recites a dumb gateway device which includes an isochronous stream handler adapted to handle streaming operations, *said streaming operations being controlled by the bus service interface via said functionality and commands*. The outstanding Action asserts on page 2 that Claim 17 is “not supported by the specification” as “according to the specification the iso handler’s operation is controlled by the corresponding bus interface...see specification page 8, lines 25-27 and 30-31.” However, Applicants note that this is exactly what is recited by Claim 17, as is noted above. Therefore, Applicants respectfully submit that the rejection of Claim 17 is inconsistent with the reasoning indicated in the outstanding Action.

Moreover, with regard to Claims 7-11 and 14-16 Applicants respectfully submit that these claims are also supported. In particular, page 4, line 25 to page 5, line 2 as well as the

flowchart of Figs. 5a to 5f illustrate that isochronous streams are controlled by the device presented and/or the device emulators. In addition, page 22, line 7 to page 23, line 13 also provides support for this feature. For instance, these portions of the specification illustrate that the iso handler's operation is controlled indirectly by the device presenter or said device emulator. In other words, the device presenter/device emulator is able to control the iso handler's operation through the respective bus interfaces. Therefore, there is clearly support for the feature "an isochronous stream handler adapted to be controlled by said device presenter or said device emulator" as the isochronous stream handler is in fact "controlled" by the either the device presenter or the device emulator albeit through the respective bus interfaces.

Accordingly, Applicants respectfully request that the rejection of Claims 7-11 and 14-17 under 35 U.S.C. §112, be withdrawn.

Addressing now the rejection of Claims 1-4, 6 and 13 under 35 U.S.C. §102(b) as unpatentable over Corcoron, this rejection is respectfully traversed.

Amended Claim 1 recites,

A dumb gateway device for connecting at least one bus system with a common network layer that is designed to build a transparent access network by connecting said at least one bus system via the dumb gateway device to said common network layer, said dumb gateway device comprising:

a bus service interface configured to provide access to all functionality and commands of said at least one bus system via said common network layer to an intelligent gateway connected to said common network layer; and

a stream manager configured to control isochronous streams between said at least one bus system and said common network layer.

Corcoron describes a three-tier gateway architecture for internetworking between a home automation network and a TCP/IP based wide area network. However, Corcoron does not describe or suggest a stream manager configured to control isochronous streams between said at least one bus system and said common network layer.

In other words, while the claimed invention as recited in Claim 1 includes a stream manager which controls isochronous streams between the at least one bus system and the common network layer as is illustrated in a non-limiting example in Figure 1, the cited Cocoron reference is completely silent on this point.

Accordingly, Applicants respectfully submit that Claim 1 and Claims 2-4, 6 and 13 depending therefrom patentably distinguish over Corcoron at least as this reference does not describe or suggest an isochronous stream handler.

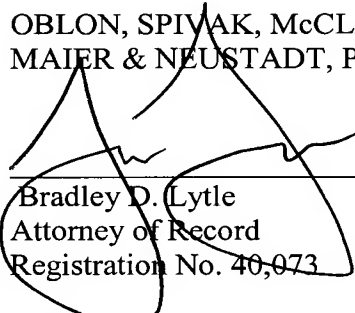
Consequently, in view of the present amendment, no further issues are believed to be outstanding in the present application, and the present application is believed to be in condition for formal Allowance. A Notice of Allowance for Claims 1-11 and 13-17 is earnestly solicited.

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